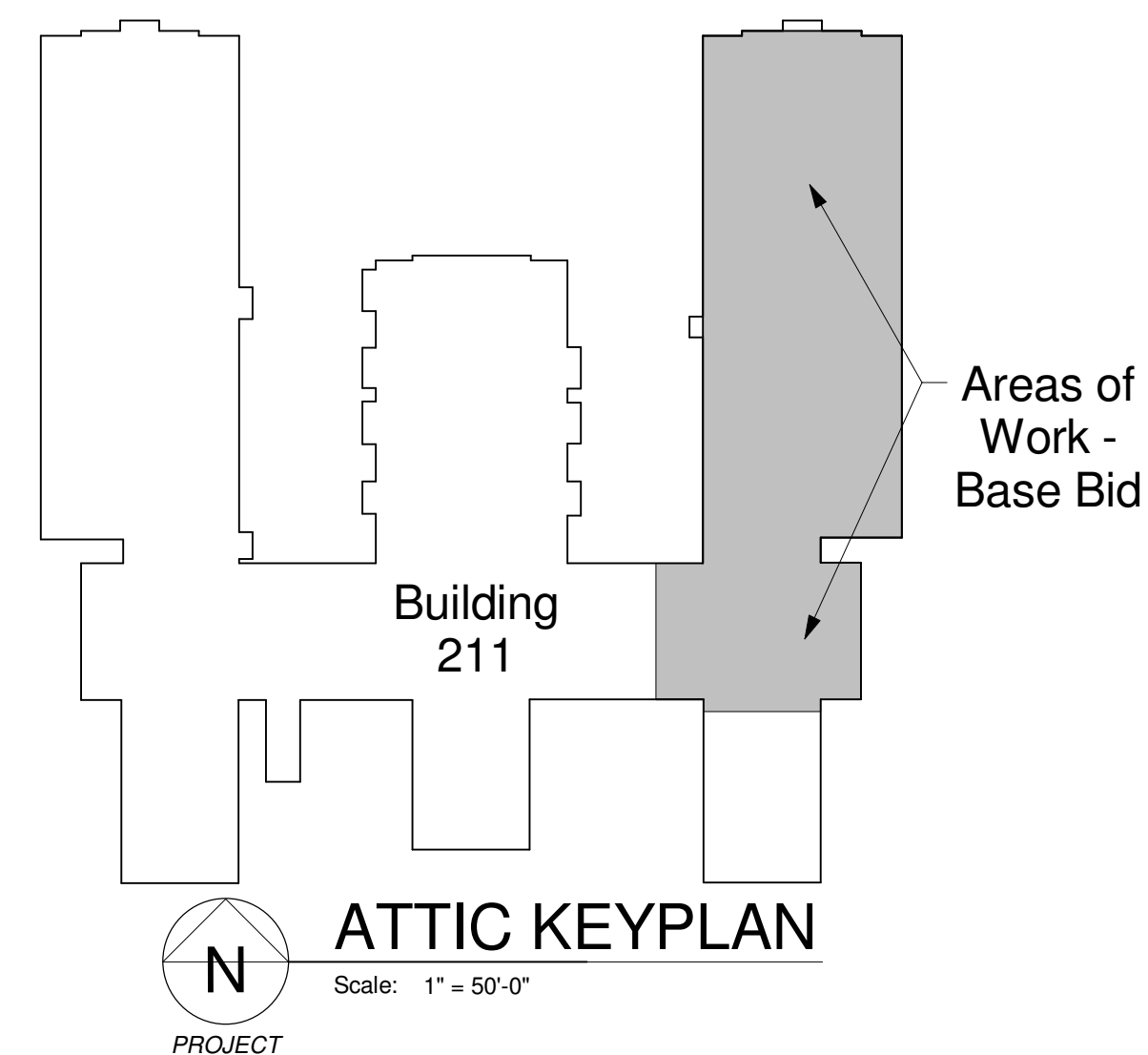


FULLY SPRINKLERED

- GENERAL NOTES**
- A REFER TO SHEET M101 FOR LEGEND, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
- B TESTING AND BALANCE WORK WILL REQUIRE MORE THAN 1 DAY OF WORK TO GAIN ACCESS TO ALL OCCUPIED AREAS REQUIRED FOR TESTING AND BALANCING. OBTAIN AN INFECTION CONTROL PERMIT FROM THE COR PRIOR TO THE START OF WORK. SEE SPECIFICATION SECTION 01 55 26, CLASS 1 ICRA FOR REQUIREMENTS. WORK IN THE OCCUPIED AREAS WILL REQUIRE FIRE COORDINATION AND SEQUENCING. COORDINATE WORK PLAN WITH COR AT LEAST 3 WEEKS IN ADVANCE.
- PLAN NOTES**
- 1 RE-BALANCE EXISTING SUPPLY FAN 211-SF2 TO 23,055 CFM. REPLACE SHEAVES AS REQUIRED.
- 2 RE-BALANCE EXISTING RETURN FAN 211-RF2 TO 16,965 CFM. REPLACE SHEAVES AS REQUIRED.
- 3 RE-BALANCE EXISTING EXHAUST FAN 211-EF3 TO 4,935 CFM. REPLACE SHEAVES AS REQUIRED.
- 4 EXISTING DDC CONTROL PANEL ASSOCIATED WITH 211-AHU3 TO REMAIN. INTEGRATE NEW BASEMENT AIR TERMINAL UNITS INTO DDC SYSTEM THROUGH THIS PANEL. INTERCEPT LON BUS IN BASEMENT - REFER TO SHEET M101.
- 5 EXISTING UNIT HAS DUCT SMOKE DETECTORS WITH ADDRESSABLE RELAY FROM FIRE ALARM CONTROL PANEL HARD WIRED INTO UNIT SUPPLY AND RETURN FAN VFD SAFETY SHUTDOWN CIRCUITS. APPROXIMATELY 4 ADDITIONAL DUCT SMOKE DETECTORS ARE BEING ADDED TO 211-AHU2 RETURN DUCT SYSTEM UNDER THIS PROJECT. COORDINATE WITH ELECTRICAL/FIRE ALARM CONTRACTOR TO ENSURE THESE ADDITIONAL DUCT SMOKE DETECTORS ARE PROGRAMMED TO SHUT DOWN 211-AHU2 THROUGH EXISTING ADDRESSABLE RELAY.
- 6 RE-BALANCE EXISTING DUCT BRANCH TO EXISTING CFM INDICATED. COORDINATE LOCATION OF EXISTING DUCT BRANCHES AND BALANCE DAMPERS WITH COR.
- 7 RE-PROGRAM POSITION OF MODULATING CONTROL DAMPERS TO RE-BALANCE MINIMUM OUTSIDE AIR OF EXISTING UNIT TO 6,085 CFM.
- 8 APPROXIMATE LOCATION OF 211-AHU3 AND ASSOCIATED DDC CONTROL PANEL. RE-PROGRAM RETURN FAN VFD TO MAINTAIN OFFSET OF 1,200 CFM FROM SUPPLY CFM.
- 9 APPROXIMATE LOCATION OF 211-AHU2 DDC PANEL, AND RETURN FAN VFD. REPROGRAM RETURN FAN VFD TO MAINTAIN OFFSET OF 6,085 CFM FROM SUPPLY CFM.
- 10 EXISTING AIR HANDLING UNIT TO REMAIN.
- 11 REPLACE ALL (3) 12"x24" AND (6) 20"x24" FINAL FILTERS IN AIR HANDLING UNIT 211-AHU3 AT THE BEGINNING AND END OF THE PROJECT. FINAL FILTERS ARE 12" CARTRIDGE TYPE MERV 13 FILTERS.
- 12 REPLACE ALL (3) 12"x24" AND (6) 20"x24" PRE-FILTERS IN AIR HANDLING UNIT 211-AHU3 AT THE BEGINNING OF THE PROJECT AND WEEKLY THROUGHOUT THE PROJECT AS DEEMED NECESSARY BASED ON DUST ACCUMULATION. CONTRACTOR SHALL KEEP A LOG OF WEEKLY PRE-FILTER CHECKS AND REPLACEMENTS AND SUBMIT LOG TO COR FOR VERIFICATION. CONTRACTOR SHALL NOTIFY COR IF THERE IS SIGNIFICANT DUST ACCUMULATION, FOR FURTHER ACTION BY THE MEDICAL CENTER. PRE-FILTERS ARE 2" PLEATED MEDIA TYPE MERV 8 FILTERS.

211-AHU2 SYSTEM AIR FLOW DIAGRAM

211-EF3 AIR FLOW DIAGRAM



PARTIAL ATTIC PLAN (NORTH)

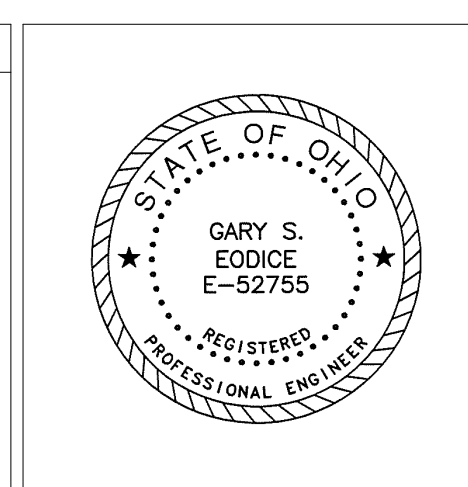
Scale: 1/8" = 1'-0"

N PROJECT

1	Airflow Balancing	8-17-2016
Revisions	Date	

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Drawing Title

**PARTIAL ATTIC FLOOR PLAN**

Approved: Project Director

Project Title

**Renovate Space for Rehab Therapy Clinics in B211**

Location

**Chillicothe, Ohio**

Date

**04/22/2016**

Checked

**JAC**

Drawn

**DRV**

Project No.

VA Project No. 538-16-104  
JPA Project No. 15008.00

Building Number

**211**

Drawing Number

**M102**

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Office of Construction and Facilities Management

Department of Veterans Affairs